

## HOW TO GEO-REFERENCE SCANNED IMAGES

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In order to geo-reference scanned maps you will need to have software that will allow you to place control points on the scanned image and create a world file that tells the arcview software where the map is located. This can be done in a variety of ways.

There is a United Nations Program (Shareware) called Mapscan for Windows that can be downloaded at:

<http://www.un.org/Depts/unsd/softproj/software/mapscan/win/download.htm>

This program allows you to turn raster data into vector data, in addition to georeferencing the images. The program comes with an extensive manual in pdf format that will explain how to complete the process.

There is also the option of using arcview scripts to geo-reference images while inside the arcview program. These scripts can be found at:

<http://gis.esri.com/arcs/scripts/scripts.cfm>. The script I have used is:



ImageGeoRef.zip

This file has to be unzipped and placed in your arcview program in the esri/arcview/ext32 directory. This will create icons and buttons that allow you to move the scanned image to the desired location (remember you need a theme underneath to geo-reference with). It will also allow you to create a world file which will contain the geo-referencing information.

### Another Freebie

To create maps in arcview that are e-mailable you simply open the layout window, press the edit button, do select all, copy, then minimize the arcview window and open a wordperfect window. When you have the blank document on the screen press paste, this will transfer the layout into wordperfect allowing you to save the document as a .wpd and email it wherever you want.

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